BESTÄNDIGKEITSLISTE
CHEMICAL RESISTANCE CHART

Die vorliegende Beständigkeitsliste soll als Anhaltspunkt für die Auswahl geeigneter Schlauch-materialien dienen. Die Angaben der Beständigkeitsliste basieren auf bekannten Literaturangaben, Laborversuchen, sowie Erfahrung im praktischen Einsatz.
Die angegebenen Beständigkeiten verstehen sich bei Raumtemperatur (+25°C.) soweit nicht anders angegeben und beruhen auf Laborbedingungen, d.h. Kontakt von Medium und Elastomer unter Ausschluss von physikalischen oder mechanischen Einflüßen.
Alle Angaben sind unverbindlich und ohne Gewähr, womit wir deshalb keine Gewährleistung für die Richtigkeit unserer Empfehlungen im Einzelfall übernehmen.
Im Zweifelsfall kontaktieren Sie bitte unsere Anwendungsberatung.

All data reported in this Chemical Resistance Chart are exclusively intended to provide general guidelines. Therefore, before selecting a product suitable for a specific application, you are recommended to conuslt our technical office. The indicated resistance are at room temperature (+25 °C.)
This Chemical Resistance Chart ist based on tests carried out in laboratory, on technical literature and on experience data. (not considering any specific working conditions)
As the operating conditions with the user are outside our control, no guarantee can be given.

Die Angaben bedeuten:

A sehr gute Beständigkeit

B gute Beständigkeit

C bedingte Beständigkeit

D unbeständig

- keine Information verfügbar

The data means:

A Excellent service (continuos usage)

B Good service (intermittend usage)

C Limited Service (depending on use conditions)

D Not suitable

- Not Tested

Bitte berücksichtigen Sie auch die anderen Parameter, wie Dampf, Temperaturen, mechanische Belastung, sowie die gesonderten Bedingungen bei Lebensmittel-, Getränke und Pharmaanwendungen.

Please also take into account other parameters, such as steam, temperature, mechanical load, and the special conditions of food, beverage and pharmaceutical applications.

Bei schwierigen und kritischen Anwendungen beraten wir Sie gerne über unseren technischen Service.

In difficult and critical applications, we advise you about our technical service.

Kurzbezeichnung

NR(NK)	**Naturkautschuk**
SBR	**Styrol-Butadien-Kautschuk**
EPDM	**Ethylen-Propylen-Terpolymerisat**
EPM	**Ethylen-Propylen-Copolymere**
CR	**Polychlorbutadien**
NBR	**Acrylnitrit-Butadien-Kautschuk**
IIR	**Isobuten-Isopren-Kautschuk**
CSM	**chlorsyulfoniertes Polyethylen**
FPM	**Vinylidenfluorid-Hexafluorpropylen**
VMQ	**Silikon**
AU (PUR)	**Urethan-Kautschuk (Polyurethan)**
PE - X	**vernetztes Polyethylen**
UPE	**Ultrahochmolekulares Polyethylen**
PFA	**Perfluoralokoxy**
PVDV	**Polyvinylidenfluorid**
PTFE	**Polytetrafluoretyhlen**
MFA	**modifiziertes Fluoralkoxy**

Legend of Materials

NR	**Natural Rubber**
SBR	**Styrol-Butadien-Rubber**
EPDM	**Ethylen-Propylene-Terpolymerisat**
EPM	**Ethylen-Propylene-Copolymere**
CR	**Polychlorbutadien (Neoprene)**
NBR	**Nitril-Rubber**
IIR	**Butyl Rubber**
CSM	**Hypalon**
FPM	**Vinylidenfluoride-Hexaflouorpropylene (Viton)**
VMQ	**Silicone**
AU (PU)	**Polyurethan**
PE - X	**Polyethylene cross-linked**
UPE	**Ultrahigh moleculare weight Polyethylene**
PFA	**Perfluoralokoxy**
PVDV	**Polyvinylidenfluoride**
PTFE	**Polytetrafluorethylene**
MFA	**Perfluormethylether**

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Acetaldehyde	C	D	A	A	A	D	C	C	D	A	A	A	D	D	D	A	A	A	B	C	C	A	A
Acetamide	C	C	A	A	A	C	B	B	B	A	A	B	A	D	B	A	A	A	B	C	C	A	A
Acetic Acid 10% 65°C	B	B	A	A	A	C	B	B	C	B	A	A	B	C	A	A	A	A	C	C	C	C	A
Acetic Acid 30%	B	B	A	A	A	D	B	B	C	A	A	A	B	C	A	A	A	A	C	C	C	C	A
Acetic Acid 50%	C	C	A	A	A	D	D	C	D	A	A	A	B	D	A	A	A	A	C	C	C	C	A
Acetic Acid, Glacial	D	D	B	B	A	D	D	D	D	A	A	B	D	D	A	A	A	A	C	C	C	C	A
Acetic Anhydride	C	B	B	B	B	D	C	B	D	A	A	C	D	D	D	A	A	A	B	C	C	C	B
Acetone	B	B	A	A	A	D	C	A	D	A	A	B	D	C	C	A	A	A	A	A	A	A	A
Acetone Cyanohydrin	B	C	A	A	A	D	C	A	D	A	A	C	D	D	C	A	A	A	B	B	B	B	A
Acetonitrile	D	D	D	D	D	D	B	B	D	B	A	D	D	D	A	A	A	A	B	B	B	B	A
Acetophenone	C	D	A	A	A	D	C	B	D	A	A	D	D	D	C	A	A	A	C	C	C	C	C
Acetyl Acetone	C	D	B	B	B	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Acetyl Chloride	D	D	D	D	D	D	D	D	B	B	B	C	A	D	B	A	A	A	C	C	C	C	C
Acetylene	B	B	A	B	C	A	A	B	A	A	A	C	A	B	A	A	A	A	A	D	D	A	A
Acetylene Dichloride	D	D	D	D	D	D	D	D	A	A	A	D	D	C	B	A	A	A	C	C	C	C	C
Acetylene Tetra Chloride	D	D	D	D	D	D	D	D	A	A	A	D	D	D	B	A	A	A	C	C	C	C	C
Acrylonitrile	D	D	D	D	D	D	C	C	D	A	A	D	D	D	C	A	A	A	-	A	A	A	A
Adipic Acid	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	B	B	B	B	A
Air	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Alcohols, Aliphatic	A	B	A	A	A	A	A	A	A	A	A	A	C	B	A	A	A	A	A	A	A	A	A
Alcohols, Aromatic	C	D	B	C	B	C	D	B	A	A	A	D	B	D	A	A	A	A	A	B	B	B	A
Allyl Alcohol	B	B	A	B	A	A	B	A	B	A	A	A	C	D	B	A	A	A	B	A	A	A	A
Allyl Bromide	D	D	D	D	D	D	D	D	B	B	B	D	D	D	C	A	A	A	C	C	C	C	C
Allyl Chloride	D	D	D	D	D	D	D	D	B	B	B	D	D	D	C	A	A	A	C	C	C	C	C
Alum (Aluminum Potassium Sulfate)	A	A	A	A	A	A	A	A	A	A	A	A	D	B	A	A	A	A	A	B	B	C	A
Aluminum Acetate	A	A	A	A	A	A	A	A	A	A	A	D	D	B	A	A	A	A	C	C	C	C	A
Aluminum Chloride	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	C	C	C	C	C
Aluminum Fluoride	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	C	C	C	C	C
Aluminum Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Aluminum Nitrate	A	A	A	A	A	A	A	A	A	A	A	B	D	A	A	A	A	A	C	C	C	C	A
Aluminum phosphate	A	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	C	C	C	C	A
Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Amino Ethanol	B	B	A	B	A	B	C	B	D	A	A	B	D	B	C	B	B	B	-	-	-	B	A
Ammonia Gas (cold)	A	A	A	A	A	A	B	A	D	A	A	A	A	A	C	A	A	A	B	B	B	A	A
Ammonia Gas 65°C	B	C	B	B	A	C	C	B	D	B	A	A	B	D	C	A	A	A	B	B	B	A	A
Ammonia, in Water	D	C	A	A	A	B	B	B	C	A	A	A	B	A	A	A	A	A	B	C	C	C	A
Ammonia, Liquid	D	D	A	B	B	C	D	A	D	A	A	C	D	C	C	A	A	A	A	C	C	A	A
Ammonium Carbonate	A	A	A	A	A	B	A	A	C	A	A	D	D	A	A	A	A	A	B	C	C	A	B
Ammonium Chloride	A	A	A	A	A	A	A	A	A	A	A	D	D	B	A	A	A	A	C	C	C	C	C
Ammonium Hydroxide Sulphate	B	B	A	B	A	B	B	B	B	A	A	A	B	B	A	A	A	A	C	C	C	C	B
Ammonium Metaphosphate	A	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	B	C	C	C	A
Ammonium Nitrate	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	-	C	C	-	-
Ammonium Persulfate	A	A	A	A	A	A	A	A	A	A	A	D	D	B	C	A	A	A	C	C	C	C	A
Ammonium phosphate	A	A	A	A	A	A	A	A	A	A	A	A	D	B	A	A	A	A	B	C	C	-	-
Ammonium Sulfide	B	A	A	A	A	B	A	A	C	A	A	D	D	B	B	A	A	A	C	C	B	C	B
Ammonium Sulfite	B	A	A	A	A	B	A	A	A	A	A	D	D	B	B	A	A	A	C	C	B	C	B
Ammonium Thiocyanate	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Ammonium Thiosulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	B
Amyl Acetate	D	D	A	B	A	D	C	C	D	A	A	D	D	C	C	A	A	A	A	B	B	B	A
Amyl Acetone	B	B	A	A	A	D	C	A	D	A	A	B	D	C	C	A	A	A	A	A	A	A	A
Amyl Alcohol	B	A	A	A	A	B	A	A	B	A	A	D	A	C	A	A	A	A	-	A	A	B	A
Amyl Borate	D	D	D	D	D	A	D	A	D	A	A	D	D	D	D	A	A	A	-	-	-	-	-
Amyl Chloride	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Amyl Chloronaphthalene	D	D	D	D	D	D	D	D	A	A	A	D	B	D	B	A	A	A	C	C	C	C	C
Amyl Oleate	D	D	B	C	C	B	D	D	A	A	A	B	B	D	A	A	A	A	A	A	A	A	A
Amyl Phenol	D	D	D	D	C	C	D	D	A	A	A	D	A	D	B	A	A	A	A	A	A	A	A
Amyl Phthalate	D	D	A	C	B	D	D	D	C	A	A	B	C	D	B	A	A	A	-	A	A	A	A
Amylamine	C	C	A	B	A	C	C	C	D	A	A	B	D	D	A	A	A	A	-	C	C	C	A
Aniline	D	D	A	A	A	D	D	B	B	A	A	D	C	C	B	A	A	A	C	C	C	C	A
Aniline Hydrochloride	B	C	A	A	A	B	B	B	A	A	A	D	B	B	B	A	A	A	-	C	C	C	C
Animals Fats	D	D	B	C	B	A	B	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Antimony Chloride	B	B	A	B	A	B	B	B	A	A	A	A	A	A	B	A	A	A	C	C	C	C	C
Antimony Pentachloride	D	D	D	D	D	D	D	D	D	B	B	A	A	A	B	A	A	A	C	C	C	C	C
Aqua regia	D	D	D	C	C	D	D	C	B	D	D	D	C	D	B	A	A	A	C	C	C	C	C
Aromatic Hydrocarbons	D	D	D	D	D	B	C	C	A	A	A	D	B	C	A	A	A	A	A	A	A	A	A
Arsenic Acid	B	B	A	A	A	B	B	A	A	A	A	A	A	D	A	A	A	A	C	C	C	C	B
Arsenic Trichloride	D	D	D	D	C	B	C	D	D	D	D	D	D	D	A	A	A	A	C	C	C	C	C
Asphalt	D	D	D	D	D	B	D	D	A	B	B	D	D	D	A	A	A	A	C	A	A	A	A
Astm 1 Oil	D	D	D	D	D	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Astm 2 Oil	D	D	D	D	D	A	C	B	A	A	A	C	A	A	A	A	A	A	A	A	A	A	A
Astm 3 Oil	D	D	D	D	D	B	D	C	A	B	A	C	A	B	A	A	A	A	A	A	A	A	A
Aviation Gasoline	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Barium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	B	A
Barium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	C	C	C	C	C
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A	-	C	C	C	A
Barium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	-	B	B	A	A
Barium Sulfite	B	A	A	A	A	B	A	A	A	A	A	A	A	B	A	A	A	A	-	C	C	C	A
Beer	C	C	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	A	C	A
Beet Sugar Liquors	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	B	A
Benzaldehyde	D	D	B	B	B	D	D	D	D	A	A	D	D	D	C	A	A	A	-	A	A	B	A
Benzene	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	A	A	A	A	A
Benzene Sulfonic Acid	D	D	D	D	D	D	D	D	B	B	B	D	C	D	C	B	A	A	-	B	B	C	B

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Benzine Solvent (ligroina)	D	D	D	D	D	A	C	D	A	A	A	D	A	B	A	A	A	A	A	A	A	A	A
Benzoic Acid	A	A	A	A	A	B	B	A	A	B	A	B	B	D	A	A	A	A	-	C	C	-	A
Benzoic Aldehyde	D	D	B	C	B	D	C	C	D	A	A	D	D	D	B	A	A	A	-	-	-	-	A
Benzyl Acetate	D	D	A	B	A	D	B	B	D	A	A	D	D	D	C	A	A	A	-	-	-	-	-
Benzyl Alcohol	B	B	B	B	B	D	C	C	A	A	A	D	B	D	A	A	A	A	-	A	A	B	A
Bleach Liquor	D	D	A	A	A	D	D	C	A	B	A	B	A	C	A	A	A	A	C	C	C	C	A
Borax	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A
Bordeaux Mixture	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A	C	C	C	C	A
Boric Acid	A	A	A	A	A	A	A	A	A	B	A	A	A	D	A	A	A	A	B	B	B	B	A
Brandy	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A
Brine 65°C	A	A	A	A	A	C	A	A	A	B	A	D	D	D	A	A	A	A	-	A	A	C	A
Bromine	D	D	D	D	D	D	D	D	A	D	D	D	B	D	A	A	A	A	C	C	C	C	C
Bromine Water	D	D	C	C	C	D	D	B	A	B	A	D	B	D	A	A	A	A	C	C	C	C	C
Bromo Chloro Methane	D	D	D	D	D	D	D	D	A	B	B	D	B	D	A	A	A	A	C	C	C	C	C
Bromobenzene	D	D	D	D	D	D	D	D	B	C	C	D	A	D	A	A	A	A	C	A	A	A	A
Butadiene	D	D	D	D	D	B	D	B	A	A	A	D	B	D	A	A	A	A	A	A	A	A	A
Butane	D	D	D	D	D	A	A	A	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Butanol	A	A	A	A	A	A	A	A	A	A	A	B	A	C	A	A	A	A	-	B	B	-	A
Butter	C	C	B	B	B	A	B	A	A	A	A	B	A	D	A	A	A	A	A	A	A	A	A
Butyl Acetate	D	D	B	B	B	D	C	C	D	A	A	D	D	D	C	A	A	A	-	B	B	B	A
Butyl Acrylate	D	D	D	D	D	D	D	D	D	B	B	D	D	D	A	A	A	A	-	-	-	-	-
Butyl Aldheyde	D	C	B	C	B	D	C	C	D	A	A	D	D	D	B	A	A	A	B	C	C	A	A
Butyl Benzene	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	A	A	A	A	A
Butyl Benzyl Phthalate	D	D	A	B	A	D	D	D	C	A	A	D	D	D	B	A	A	A	-	A	A	A	A
Butyl Bromide	D	D	D	D	D	D	D	D	B	B	B	D	B	D	A	A	A	A	C	B	B	B	B
Butyl Butyrate	D	D	B	B	B	C	D	D	C	B	B	D	A	D	A	A	A	A	B	B	B	B	A
Butyl Carbitol	D	D	A	A	A	C	C	B	C	A	A	D	D	D	B	A	A	A	-	A	A	B	A
Butyl Chloride	D	D	C	C	C	D	D	C	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Butyl Ether	D	D	D	D	D	B	C	B	C	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Butyl Ethyl Acetaldehyde	D	D	B	B	A	D	C	C	D	A	A	D	D	D	C	A	A	A	B	C	C	A	A
Butyl Ethyl Ether	D	D	D	D	D	B	C	B	C	A	A	D	C	D	A	A	A	A	B	A	A	B	A
Butyl Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A
Butyl oleate	D	D	B	B	B	B	C	B	A	A	A	D	B	C	A	A	A	A	A	A	A	A	A
Butyl Phthalate	D	D	A	A	A	D	D	C	C	A	A	D	D	D	B	A	A	A	B	A	A	A	A
Butyl Stearate	D	D	C	B	B	B	D	D	A	A	A	D	B	C	A	A	A	A	A	A	A	A	A
Butylamine	C	C	A	B	A	D	D	C	B	A	A	C	D	D	B	A	A	A	C	C	C	C	A
Butyraldehyde	C	C	A	B	A	D	C	C	C	A	A	D	D	D	C	A	A	A	B	C	C	A	A
Butyric Acid	C	C	B	B	B	B	B	B	A	A	A	D	D	A	A	A	A	A	B	A	A	C	A
Butyric Anhydride	C	D	B	C	B	D	B	B	C	A	A	C	D	D	C	B	A	A	B	C	C	C	B
Cadmium Acetate	A	A	A	A	A	B	A	A	B	A	A	A	A	A	A	A	A	A	B	B	B	B	A
Calcium Acetate	A	A	A	A	A	B	A	A	B	A	A	A	A	A	B	A	A	A	B	B	B	B	A
Calcium Bichromate (dry)	B	A	A	A	A	B	B	A	B	A	A	A	A	B	A	A	A	A	B	B	B	B	B
Calcium Bisulfate (dry)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A	A
Calcium Bisulfite (dry)	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	D	C	C	C	A
Calcium Carbonate (dry)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	B	A
Calcium Chloride (dry)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	B	B	C	A
Calcium Hydroxide	A	B	A	B	A	A	B	A	A	A	A	A	A	C	A	A	A	A	C	C	C	C	A
Calcium Hypochlorite	D	D	A	A	A	C	D	A	A	A	A	D	A	D	A	A	A	A	C	C	C	C	B
Calcium Nitrate	A	A	A	A	A	A	A	A	A	A	A	B	A	D	A	A	A	A	C	C	B	B	A
Calcium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	B	A
Calcium Sulfide	B	B	A	A	A	B	A	A	A	A	A	B	A	B	A	A	A	A	C	C	B	C	A
Calcium Sulfite	B	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	C	B	C	A
Cane Sugar Liquors	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A
Caprylic Acid	D	D	A	C	B	A	C	B	B	A	A	B	B	D	A	A	A	A	-	-	-	B	A
Carbitol	D	D	A	B	A	D	D	B	A	A	A	B	B	D	A	A	A	A	-	B	B	B	B
Carbitol Acetate	D	D	B	B	B	D	D	D	D	A	A	D	D	D	C	A	A	A	-	B	B	B	A
Carbolic Acid (Phenol)	D	D	B	B	A	D	D	C	A	A	A	D	A	D	A	A	A	A	-	A	A	C	A
Carbon Dioxide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Carbon Disulfide	D	D	D	D	C	C	D	D	B	A	A	D	A	D	B	A	A	A	-	B	B	A	A
Carbon Tetrachloride	D	D	D	D	D	D	D	D	A	B	B	D	A	B	A	A	A	A	D	A	A	A	A
Carbon Tetrafluoride	D	D	D	D	D	D	D	D	D	A	A	D	D	D	C	A	A	A	D	A	A	A	A
Castor Oil	C	C	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Caustic Potash (Potassium Hydroxide) 65°C	A	B	A	A	A	B	A	A	C	B	A	C	C	D	A	A	A	A	C	C	C	B	A
Chloracetone	D	D	B	B	B	D	C	C	D	A	A	D	D	D	C	A	A	A	C	C	C	C	C
Chlorinated Hydrocarbons	D	D	D	D	D	D	D	D	A	A	A	D	D	D	C	A	A	A	C	C	C	C	C
Chlorine Gas Dry	D	D	D	D	C	D	C	D	A	A	A	D	A	D	A	A	A	A	C	C	C	C	C
Chlorine, Water Solns	C	C	C	C	C	C	B	C	A	A	A	C	A	C	A	A	A	A	D	C	C	C	C
Chloroacetic Acid	D	D	A	B	A	D	C	B	B	A	A	D	D	D	B	A	A	A	C	C	C	C	C
Chlorobenzene	D	D	D	D	D	D	D	D	A	B	A	D	B	D	B	A	A	A	C	C	C	C	C
Chlorobutadiene	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Chlorobutane	D	D	C	C	B	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Chloroform	D	D	D	D	D	D	D	D	A	A	A	D	B	D	B	A	A	A	C	C	C	C	C
Chloropentane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Chlorophenol	D	D	D	D	D	D	D	D	B	A	A	D	B	D	B	A	A	A	C	C	C	C	C
Chlorosulfonic Acid	D	D	D	D	D	D	D	D	D	D	C	D	D	D	C	B	A	A	C	C	C	C	C
Chlorotoluene	D	D	D	D	D	D	D	D	A	B	A	D	B	D	C	B	B	A	C	C	C	C	C
Chrome Plating Solution	D	D	B	C	A	D	D	D	A	B	D	B	B	D	C	A	A	A	A	-	-	-	C
Chromic Acid 40°C	D	D	C	C	B	D	D	C	B	C	B	C	C	D	B	A	A	A	C	C	C	C	B
Citric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Coal Tar	D	D	D	D	D	A	D	B	A	D	D	D	D	D	A	A	A	A	A	A	A	A	A
Coal Tar Naphta	D	D	D	D	D	A	D	D	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Cobalt Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Coconut Oil	D	D	B	C	B	A	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Cod Liver Oil	D	D	A	B	B	A	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Coke Oven Gas	D	D	B	B	B	A	B	A	A	C	A	B	B	C	A	A	A	A	B	B	B	A	A
Copper Arsenate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Copper Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Copper Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Copper Nitrite	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Copper Sulfide	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	C	A
Copper Carbonate	C	C	A	A	A	B	C	B	A	A	A	C	B	B	A	A	A	A	-	-	-	-	A
Copper Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	-	C
Copper Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D	-	-	-	B
Corn Oil	D	D	B	B	A	A	B	B	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A
Cottonseed Oil	D	D	B	C	B	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A
Creosote	D	D	D	D	D	A	D	C	A	A	A	D	C	D	A	A	A	A	A	B	B	A	A
Cresols	D	D	D	D	D	D	D	B	A	A	A	D	B	D	A	A	A	A	A	-	-	-	B
Cresylic Acid	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	-	A	A	B	A
Crotonaldehyde	D	D	B	B	A	D	D	C	C	A	A	D	D	D	B	A	A	A	B	C	C	A	A
Cumene	D	D	D	D	D	D	D	D	A	A	A	D	B	D	B	A	A	A	-	-	-	B	B
Cycloexane	D	D	D	D	D	A	C	C	A	A	A	D	A	B	A	A	A	A	A	A	A	A	A
Cycloexanol	C	C	C	C	C	A	B	B	A	A	A	D	A	B	A	A	A	A	-	A	A	A	A
Cycloexanone	D	D	A	B	A	D	D	D	B	A	A	D	D	D	B	A	A	A	-	B	B	B	A
Cyclopentane	D	D	D	D	D	A	C	C	A	A	A	D	A	B	A	A	A	A	-	A	A	A	A
Cyclopentanol	C	C	C	C	C	A	B	B	A	A	A	A	A	B	A	A	A	A	-	A	A	A	A
Cyclopentanone	D	D	B	B	B	D	D	D	D	A	A	D	D	D	B	A	A	A	-	B	B	B	A
DDT in Kerosene	D	D	D	D	D	B	D	C	A	A	A	D	B	B	A	A	A	A	C	A	A	A	A
Decaline	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	B	B	B	A
Decane	D	D	D	D	D	A	D	D	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Decanol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Detergent Solution	B	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A
Diacetone Alcohol	C	C	A	A	A	D	D	A	D	A	A	D	D	D	C	A	A	A	-	A	A	A	A
Diamylamine	C	D	A	B	A	D	C	C	D	A	A	D	D	D	C	A	A	A	D	D	D	D	B
Dibromo Benzene	D	D	D	D	D	D	D	D	B	C	C	D	B	D	A	A	A	A	A	A	A	A	A
Dibutyl Sebacate	D	D	C	C	C	C	D	C	C	A	A	B	B	D	B	A	A	A	-	A	A	A	A
Dibutylamine	D	D	D	D	D	D	A	D	A	A	A	C	D	D	C	A	A	A	D	C	C	C	A
Dibutylether	D	D	D	D	D	C	D	D	C	A	A	D	C	D	B	A	A	A	C	A	-	B	A
Dibutylphthalate	D	D	B	A	A	D	D	D	C	A	A	B	C	D	B	A	A	A	-	A	A	A	A
Dichloro propane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloroacetic Acid	D	D	A	B	A	D	D	C	D	A	A	A	B	D	A	A	A	A	C	C	C	C	C
Dichlorobutane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloroethane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloroethyl Ether	D	D	D	D	D	D	D	D	B	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloroethylene	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichlorohexane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloroisopropyl Ether	D	D	D	D	D	D	D	D	B	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloromethane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dichloropentane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Dicycloexylamine	D	D	D	D	D	D	A	D	A	B	B	D	D	D	C	A	A	A	D	C	C	C	A
Diesel Oil 65°C	D	D	D	D	D	A	A	C	A	B	A	D	A	A	A	A	A	A	A	A	A	A	A
Diethanolamine	B	B	A	B	A	D	C	C	D	A	A	B	D	D	C	A	A	A	D	C	C	C	A
Diethyl Benzene	D	D	D	D	D	C	D	D	A	A	A	D	C	D	A	A	A	A	A	A	A	A	A
Diethyl Oxalate	B	B	A	A	A	D	D	D	C	A	A	D	D	D	A	A	A	A	D	B	B	B	A
Diethyl Phthalate	C	C	B	A	A	D	D	D	C	A	A	B	C	D	B	A	A	A	-	A	A	A	A
Diethyl Sebacate	D	D	A	A	A	C	D	D	C	A	A	B	B	D	B	A	A	A	-	A	A	A	A
Diethyl Sulfate	D	D	B	B	B	C	D	D	A	A	A	D	D	D	A	A	A	A	D	-	-	-	A
Diethylamine	B	B	B	B	A	D	A	C	D	A	A	B	D	D	C	A	C	A	-	C	C	C	A
Diethylenetriamine	B	B	A	B	A	D	A	C	D	A	A	B	D	D	C	A	C	A	-	C	C	C	A
Dihydroxyethyl Amine	B	B	A	A	A	D	A	C	D	A	A	B	D	D	C	A	C	A	-	C	C	C	A
Dihydroxyethyl Ether	A	A	A	A	A	D	D	A	A	A	A	D	B	D	A	A	A	A	-	C	C	C	A
Diisobutyl Ketone	D	D	B	B	A	D	D	D	D	A	A	D	D	D	B	A	A	A	A	A	A	A	A
Diisobutylene	D	D	D	D	D	A	D	D	A	A	A	D	C	D	A	A	A	A	A	A	A	A	A
Diisodecyl Adipate	D	D	B	B	B	D	D	D	C	A	A	C	C	D	B	A	A	A	-	A	A	A	A
Diisodecyl Phthalate	D	D	B	B	B	D	D	D	B	A	A	D	B	D	B	A	A	A	-	A	A	A	A
Diisooctyl Adipate	D	D	B	B	B	D	D	D	C	A	A	C	C	D	B	A	A	A	-	A	A	A	A
Diisooctyl Phthalate	D	D	B	B	B	D	D	D	C	A	A	C	B	D	B	A	A	A	-	A	A	C	A
Diisopropanol Amine	B	B	A	A	A	D	A	C	D	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Diisopropyl Benzene	D	D	D	D	D	C	D	D	A	A	A	D	B	D	A	A	A	A	A	A	A	A	A
Diisopropyl Ether	D	D	D	D	D	B	D	D	D	A	A	D	D	B	B	A	A	A	A	A	A	A	A
Diisopropyl Ketone	D	D	A	A	A	D	D	D	D	A	A	D	D	D	B	A	A	A	A	A	A	A	A
Dimethyl Acetamide	B	B	B	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	-	C	C	C	A
Dimethyl Benzene	D	D	D	D	D	C	D	D	A	A	A	D	B	D	A	A	A	A	A	A	A	A	A
Dimethyl Benzylamine	D	D	D	D	D	D	D	D	D	A	A	D	D	D	C	A	C	A	-	C	C	C	A
Dimethyl Phenol	D	D	D	D	D	D	D	D	D	A	A	D	C	D	C	A	A	A	A	A	A	C	A
Dimethyl Phthalate	D	D	A	A	A	D	D	D	B	A	A	D	B	D	B	A	A	A	-	A	A	A	A
Dimethyl Sulfate	D	D	B	B	B	D	D	D	A	A	A	D	D	D	A	A	A	A	D	-	-	-	A
Dimethyl Sulfide	D	D	C	B	B	D	D	D	A	B	B	D	D	D	A	A	A	A	-	-	-	-	A
Dimethylamine	B	C	A	C	C	D	A	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Dimethylaniline	D	D	C	B	B	D	D	D	D	A	A	D	D	D	C	A	C	A	C	C	C	C	A
Dimethylformamide (DMF)	D	D	C	C	C	C	D	C	D	A	A	B	D	D	B	A	A	A	A	B	B	B	A
Dinitrobenzene	D	D	C	C	B	D	D	D	A	A	A	D	D	D	B	A	A	A	-	B	B	A	A
Dinitrotoluene	D	D	D	D	D	D	D	D	C	A	A	D	D	D	B	A	A	A	-	B	B	A	A
Dioctyl Adipate (DOA)	D	D	B	B	B	D	D	D	C	A	A	C	D	D	A	A	A	A	-	A	A	A	A
Dioctyl Phthalate	D	D	B	B	B	D	D	D	C	A	A	C	B	D	B	A	A	A	-	A	A	C	A

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Dioctyl Sebacate	D	D	B	B	B	D	D	D	B	A	A	C	C	D	B	A	A	A	-	A	A	A	A
Dioctylamine	C	C	B	B	B	C	D	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Dioxane	D	D	B	B	B	D	D	D	D	A	A	D	D	D	B	A	A	A	-	A	A	A	A
Dipentene (limonene)	D	D	D	D	D	D	D	D	A	A	A	A	D	D	A	A	A	A	-	-	-	-	A
Diphenyl (Biphenyl)	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	-	B	B	A	A
Diphenyl Oxide (Phenyl Ether)	D	D	D	D	D	D	D	D	A	A	A	C	B	D	A	A	A	A	-	A	A	-	A
Diphenyl Phthalate	D	D	B	B	B	D	D	D	C	A	A	C	B	D	B	A	A	A	-	A	A	C	A
Dipropyl Glicol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A
Dipropyl Ketone	D	D	A	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Dipropylamine	B	B	A	A	A	D	D	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Divinyl Benzene	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Dodeciyltoluene	D	D	D	D	D	B	D	D	A	A	A	D	B	B	A	A	A	A	A	A	A	A	A
Dodecylbenzene	D	D	D	D	D	B	D	D	A	A	A	D	A	B	A	A	A	A	A	A	A	A	A
Dow-per (perchloroethylene)	D	D	D	D	D	C	D	D	A	B	B	D	B	D	A	A	A	A	C	B	B	B	A
Epichlorohydrin	D	D	B	B	B	D	D	D	D	B	B	D	D	D	C	A	A	A	C	C	C	C	B
Ethanolamine	B	B	A	A	A	D	B	C	D	A	A	B	D	D	C	A	C	A	B	C	C	C	C
Ethers	D	D	C	D	C	D	C	C	C	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Ethyl Acetate	D	D	B	B	A	D	D	D	D	A	A	B	D	D	C	A	A	A	B	A	A	A	A
Ethyl Acetoacetate	D	D	B	B	A	D	D	D	D	A	A	B	D	D	C	A	A	A	B	A	A	A	A
Ethyl Acrylate	D	D	B	B	A	D	D	D	D	A	A	B	D	D	A	A	A	A	B	A	A	A	A
Ethyl Benzene	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	A	B	B	B	A
Ethyl Benzoate	D	D	B	B	A	D	D	C	A	A	A	D	A	D	A	A	A	A	B	A	A	A	A
Ethyl Butyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethyl Butyl Amine	B	B	A	A	A	D	D	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Ethyl Butyl Ketone	D	D	A	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Ethyl Chloride	D	D	C	C	B	D	D	B	A	A	A	D	A	D	A	A	A	A	C	C	C	C	C
Ethyl Dichloride	D	D	D	D	C	D	D	D	B	A	A	D	B	D	A	A	A	A	C	C	C	C	C
Ethyl Ether	D	D	D	D	C	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Ethyl Formate	D	D	A	A	A	D	D	D	D	A	A	D	A	D	A	A	A	A	B	A	A	A	A
Ethyl Hexanol	D	D	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethyl Methyl Ketone	C	C	A	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Ethyl Oxalate	B	B	A	A	A	D	D	C	C	A	A	D	B	D	A	A	A	A	D	B	B	B	A
Ethyl Phthalate	D	D	A	A	A	D	D	D	C	A	A	B	D	D	B	A	A	A	-	A	A	C	A
Ethyl Propyl Ether	D	D	D	D	C	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Ethyl Propyl Ketone	D	D	A	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Ethyl Silicate	B	B	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	-	-	-	-	A
Ethyl Sulfate	D	D	B	B	B	D	D	D	A	A	A	D	D	D	A	A	A	A	D	-	-	-	A
Ethylene	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Ethylene Chloride	D	D	D	D	D	D	D	D	A	A	A	D	C	D	A	A	A	A	C	C	C	C	C
Ethylene Diamine	C	C	A	A	A	B	B	B	B	A	A	A	D	B	C	A	C	A	B	C	C	C	A
Ethylene Dibromide	D	D	D	D	D	D	D	D	B	B	B	D	C	D	A	A	A	A	C	B	B	B	B
Ethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethylene Glycol 65°C	A	A	A	A	A	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A
Etylene Bromide	D	D	D	D	D	D	D	D	A	A	A	D	C	D	A	A	A	A	C	B	B	B	B
Fatty Acids	D	D	A	B	A	A	B	B	A	A	A	C	D	D	A	A	A	A	-	C	C	C	A
Ferric Bromide	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	D	C	C	C	B
Ferric Chloride	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	D	C	C	C	C
Ferric Nitrate	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A	A	A	D	C	C	C	A
Ferric Sulfate	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	D	C	C	C	A
Ferrous Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D	C	C	C	A
Ferrous Sulfate	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	D	C	C	C	A
Ferruos Chloride	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	D	C	C	C	C
Fish Oil	D	D	D	D	D	A	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Fluorine	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	B	B	A	A	B	B	A	A
Fluoroboric Acid 65°C	C	C	A	A	A	A	D	A	A	B	A	D	D	A	B	A	A	A	C	B	B	B	B
Fluosilicic Acid	A	A	A	A	A	D	D	A	C	A	A	D	D	A	A	A	A	A	C	B	B	C	B
Fluosilicic Acid 65°C	B	A	A	A	A	D	D	A	C	B	A	D	D	A	B	A	A	A	C	B	B	C	B
Formaldehyde	C	C	A	A	A	C	C	B	D	A	A	B	D	C	D	A	A	A	A	A	A	B	A
Formamide	A	A	A	A	A	D	C	A	C	A	A	D	D	D	C	A	C	A	A	B	B	B	A
Formic Acid	B	B	A	A	A	C	A	A	C	A	A	B	C	C	A	A	A	A	A	C	C	C	A
Freon 11 (triclorofluorometano)	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	A	A	B	A
Freon 112	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 113	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	A	A	B	A
Freon 114	D	D	D	D	D	D	D	D	D	C	D	D	D	D	B	A	A	A	D	A	A	B	A
Freon 115	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 12 (dichlorodifluoromethane)	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 13	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 14 (dichlorotetrafluoroethane)	A	A	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 21	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 218	A	A	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 22 (Monochlorodifluoromethane)	C	C	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	C	A	A	B	A
Freon 31	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 32	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon 502	A	A	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon BF	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon C316	A	A	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon C318	A	A	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Freon MF	D	D	D	D	D	D	D	D	D	D	C	D	D	D	B	A	A	A	D	D	D	D	A
Fuel Oil	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Fumaric Acid	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	C	C	C	A
Furan	D	D	D	D	D	D	D	D	D	A	A	D	D	D	A	A	A	A	B	A	A	A	A
Furfural	D	D	B	B	A	D	C	C	D	A	A	D	D	D	A	A	A	A	B	A	A	A	A

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Furfuril Alcohol	D	D	B	B	A	D	D	D	D	A	A	D	D	D	A	A	A	A	B	A	A	A	A
Gallic Acid	B	B	B	B	A	B	B	B	A	A	A	D	A	B	B	A	A	A	D	B	B	C	A
Gasoline Lead Free	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Gasoline, Hi Test	D	D	D	D	D	B	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Gasoline, Reg	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Gelatin	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Gluconic Acid	B	B	A	A	A	C	C	B	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A
Glucose	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Glue	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Glycerine	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Glycols	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Grease	D	D	D	D	D	A	B	C	A	A	A	D	A	A	A	A	A	A	-	C	C	A	A
Green Sulfate Liquors	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	-	C	C	A	A
Halowax Oil	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	-	-	-	-	-
n-Heptane	D	D	D	D	D	A	B	B	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Heptane Carboxylic Acid	D	D	C	C	C	C	C	B	A	A	A	D	A	C	A	A	A	A	A	C	C	C	A
Heptanol	D	D	C	D	C	A	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
n-Hexane	D	D	D	D	D	A	B	B	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Hexilene Glicol 65°C	C	C	A	B	A	A	B	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A
Hexyl Methyl Ketone	D	D	B	B	B	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Hexylamine	D	D	B	B	B	C	C	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Hexylene	D	D	D	D	D	A	B	B	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Hydraulic Fluid (Petroleum)	D	D	D	D	D	A	C	B	A	A	A	D	A	A	A	A	A	A	D	A	A	A	A
Hydraulic Fluid (Phosphate Ester Base)	D	D	A	A	A	D	D	D	D	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Hydraulic Fluid (Poly Alkylene Glycol Base)	B	B	B	A	A	A	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Hydrobromic Acid 65°C	D	D	B	B	A	D	D	C	A	B	A	D	B	D	A	A	A	A	D	C	C	C	C
Hydrochloric Acid 37% 50°C	D	D	B	B	A	D	D	C	A	B	A	D	A	D	A	A	A	A	D	D	D	D	C
Hydrocyanic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Hydrofluoric Acid 50°C	D	D	D	D	D	D	D	D	D	C	C	D	D	D	B	A	A	A	C	C	C	C	C
Hydrogen Gas	A	A	A	A	A	A	A	A	A	A	A	C	C	A	A	A	A	A	A	A	A	A	A
Hydrogen peroxide 10%	D	D	B	B	A	D	C	B	A	A	A	A	A	D	A	A	A	A	C	C	C	B	A
Hydrogen Sulfide	D	D	C	A	A	D	D	B	A	A	A	C	A	D	A	A	A	A	B	B	B	B	A
Hydroquinone	C	C	C	B	A	C	D	B	C	A	A	D	B	C	A	A	A	A	-	-	-	A	A
Hypochlorous Acid	D	D	D	B	A	D	D	C	A	A	A	D	A	D	A	A	A	A	D	D	D	D	C
Ink Oil (Linsed Oil Base)	D	D	C	C	C	A	B	B	A	A	A	D	A	A	A	A	A	A	-	A	-	C	A
Insulating Oil	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	D	A	A	A	A
Iodine	D	D	D	D	D	D	D	D	A	D	D	D	B	D	A	A	A	A	C	C	C	C	C
Iron Acetate	D	D	A	A	A	D	C	C	C	A	A	D	D	C	B	A	A	A	B	A	A	A	A
Iron Salts	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Iron Sulfide	B	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Isoamyl Acetate	D	D	B	A	A	D	C	C	D	A	A	B	D	D	C	A	A	A	B	A	A	A	A
Isoamyl Alcohol	C	C	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Isoamyl Bromide	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	B	B	B	B
Isoamyl Butyrate	D	D	B	D	C	B	C	B	D	B	A	D	A	B	A	A	A	A	A	A	A	A	A
Isoamyl Chloride	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Isoamyl Ether	D	D	D	D	D	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Isoamyl Phthalate	D	D	A	A	A	D	D	D	C	A	A	B	D	D	B	A	A	A	-	A	A	C	A
Isobutane	D	D	D	D	D	A	B	C	B	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Isobutanol	C	C	A	B	A	A	A	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A
Isobutyl Acetate	D	D	A	A	A	D	C	C	D	A	A	B	D	D	C	A	A	A	B	A	A	A	A
Isobutyl Aldehyde	D	D	A	B	A	D	C	C	C	A	A	D	D	D	A	A	A	A	B	C	C	C	A
Isobutyl Amine	C	C	A	A	A	D	D	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Isobutyl Bromide	D	D	D	D	D	D	D	D	C	C	A	D	C	A	A	A	A	A	C	B	B	B	B
Isobutyl Chloride	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Isobutyl Ether	D	D	D	D	D	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	B	C
isobutylene	D	D	D	D	D	A	B	B	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Isoctane	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
isocyanates	D	D	B	B	B	D	D	D	D	C	B	D	D	D	B	A	A	A	-	-	-	-	A
Isopropyl Acetate	D	D	A	A	A	D	C	C	D	A	A	B	D	D	C	A	A	A	B	A	A	A	A
Isopropyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Isopropyl Amine	C	C	A	A	A	D	D	C	A	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Isopropyl Benzene	D	D	D	D	D	C	D	D	A	A	A	D	B	C	A	A	A	A	A	A	A	A	A
Isopropyl Chloride	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Isopropyl Ether	D	D	D	D	D	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	A	A
Isopropyl Toluene	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	A	A	A	A	A
Jet Fuels (JP1 - JP6)	D	D	D	D	D	A	D	C	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Kerosene	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	B	A	A	A	A
Ketones	D	D	A	A	A	D	D	D	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Lacquers	D	D	D	D	D	C	D	D	D	B	B	D	D	C	B	A	A	A	A	A	A	A	A
Lacquers Solvents	D	D	D	D	D	D	D	D	D	B	B	D	D	D	B	A	A	A	A	A	A	A	A
Lactic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Lard	D	D	B	D	B	A	D	D	A	A	A	B	A	A	A	A	A	A	A	C	C	B	A
Lauryl Alcohol	B	B	A	B	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Lead Acetate	D	D	A	A	A	D	C	C	C	A	A	D	D	D	B	A	A	A	-	C	C	C	A
Lead Nitrate	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Lead Sulfate 65°C	A	A	A	A	A	A	A	A	A	B	A	B	A	A	A	A	A	A	A	A	A	A	A
Ligroin	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Lime Water	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Linseed Oil	D	D	C	C	C	A	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Liquid Soap	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Liquified Petroleum Gas	D	D	D	D	D	A	D	D	A	A	A	C	C	A	A	A	A	A	A	A	A	A	A
Lubrificatings Oil	D	D	D	D	D	A	C	C	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Lye (Sodium Hydroxide)	B	B	A	A	A	B	C	A	D	A	A	B	B	B	B	A	A	A	C	A	A	B	A
Magnesium Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A
Magnesium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A
Magnesium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C
Magnesium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	C	B	B	B	A
Magnesium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	A
Magnesium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	A
Maleic Acid	A	A	A	A	A	A	B	A	A	A	A	D	D	A	A	A	A	A	B	C	C	C	A
Maleic Anhydride	A	A	A	A	A	A	C	A	A	A	A	D	D	A	A	A	A	A	B	C	C	C	A
Malic Acid 65°C	A	B	D	D	C	A	D	B	A	B	A	B	A	A	A	A	A	A	B	C	C	C	A
Manganese Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	B	A
Manganese Sulfide	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	B	A
Manganese Sulfite	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	B	A
Mercuric Chloride	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	C	C	C	C	C
Mercury	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	C	C	C	A	A
Metanol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Methacrylic Acid	D	D	B	B	A	B	B	B	B	A	A	D	D	A	A	A	A	A	B	C	C	C	A
Methane	D	D	D	D	D	A	C	C	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Methyl Acetate	D	D	A	A	A	D	C	C	D	A	A	D	D	A	C	A	A	A	A	B	B	B	-
Methyl Acrylate	D	D	B	B	A	D	B	D	D	A	A	D	D	D	B	A	A	A	-	-	-	-	A
Methyl Bromide	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	C	C	C	B	B
Methyl Butyl Ketone	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Methyl Chloride	D	D	D	D	D	D	D	D	B	B	A	D	B	D	A	A	A	A	C	C	C	C	C
Methyl Cycloexane	D	D	D	D	D	D	D	D	A	A	A	D	B	D	A	A	A	A	A	A	A	A	A
Methyl Ethyl Ketone (MEK)	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Methyl Exyl Ketone	D	D	A	A	A	D	C	C	D	A	A	B	D	D	C	A	A	A	A	A	A	A	A
Methyl Formate	D	D	A	A	A	D	D	D	D	A	A	B	D	D	C	A	A	A	A	A	A	A	A
Methyl Hexanol	D	D	C	C	C	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Methyl Isobutyl Ketone (MIBK)	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Methyl Isopropyl Ketone	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Methyl Methacrylate	D	D	B	B	A	D	C	D	D	A	A	D	D	D	B	A	A	A	-	-	-	-	A
Methyl propyl Ether	D	D	D	D	C	D	D	D	D	A	A	D	C	D	B	A	A	A	B	A	A	B	A
Methyl Propyl Ketone	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Methyl Salycilate	D	D	B	B	A	D	D	D	D	A	A	D	D	D	A	A	A	A	B	-	-	-	B
Methylene Bromide	D	D	D	D	D	D	D	D	A	B	A	D	B	D	A	A	A	A	C	C	C	B	B
Methylene Chloride	D	D	D	D	D	D	D	D	B	B	A	D	B	D	A	A	A	A	C	C	C	C	C
Mineral Oil	D	D	D	D	D	A	C	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Motor Oil	D	D	D	D	D	A	D	D	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Naphta (Petroleum Ether)	D	D	D	D	D	A	D	D	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Naphtalene	D	D	D	D	D	D	D	D	A	A	A	D	A	D	A	A	A	A	A	A	A	A	A
Natural Gas	D	D	D	D	D	A	C	C	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A
Nickel Acetate	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	A	A	A	A	A
Nickel Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C
Nickel Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A
Nitric Acid 10% 80°C	D	D	A	A	A	D	C	A	A	B	A	D	C	D	A	A	A	A	C	C	C	C	A
Nitric Acid 20% 65°C	D	D	A	A	A	D	D	D	A	B	A	D	C	D	A	A	A	A	C	C	C	C	A
Nitric Acid 30% 50°C	D	D	B	B	A	D	D	D	A	A	A	D	C	D	A	A	A	A	C	C	C	C	A
Nitric Acid 30-65%	D	D	C	C	B	D	D	D	A	D	D	D	D	D	A	A	A	A	C	C	C	C	A
Nitric Acid, Red Fuming	D	D	D	D	D	D	D	D	C	D	C	D	D	D	D	A	A	A	C	C	C	C	A
Nitrobenzene	D	D	D	D	D	D	D	D	B	B	A	D	D	D	B	A	A	A	-	B	B	A	A
Nitrogen Gas	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitrogen Tetraoxide	D	D	D	D	D	D	D	D	D	B	B	D	D	D	D	A	A	A	C	C	C	C	A
Nitromethane	B	C	B	B	B	D	D	C	D	A	A	D	D	D	D	A	A	A	C	C	C	C	A
Nitropropane	C	D	B	B	B	C	D	C	C	A	A	D	D	D	C	A	A	A	C	C	C	C	A
Nitrous Oxide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	A
Octane	D	D	D	D	D	A	C	B	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Octanol	C	C	C	C	C	A	B	B	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Octyl Acetate	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	B	A	A	A	A
Octyl Amine	D	D	B	B	B	C	D	C	D	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Octylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Oleic Acid	D	D	C	C	C	B	C	C	A	A	A	D	D	B	A	A	A	A	B	B	B	C	A
Olive Oil	D	D	C	C	B	A	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Orthodichlorobenzene	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	B	B	B	B
Oxalic Acid	B	B	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	C	C	C	C	A
Oxigen	D	D	B	A	A	C	B	B	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A
Ozone	D	D	B	A	A	C	A	A	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A
P-Dichlorobenzene	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Palm Oil	D	D	B	B	A	A	D	A	A	A	A	D	A	A	A	A	A	A	-	C	C	C	A
Palmitic Acid	D	D	C	C	C	A	C	C	A	A	A	D	A	A	A	A	A	A	B	B	A	B	A
Paraffin 80°C	D	D	C	C	C	A	A	B	A	B	A	D	B	A	A	A	A	A	A	A	A	A	A
Penaut Oil	D	D	B	B	B	A	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Pentane	D	D	D	D	D	A	C	B	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Peracetic Acid 40%	D	D	C	C	B	D	D	D	D	A	A	D	D	D	B	A	A	A	C	C	C	C	B
Perchloroethylene	D	D	D	D	D	D	D	D	A	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Petroleum	D	D	D	D	D	A	C	B	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Phenol 50°C	D	D	B	C	B	D	C	C	A	A	A	D	B	D	A	A	A	A	-	A	A	C	A
Phenolsulfonic Acid	D	D	B	C	B	D	D	D	A	B	A	D	D	D	A	A	A	A	C	C	C	C	B
Phenyl Chloride	D	D	D	D	D	D	D	D	A	A	A	D	C	D	A	A	A	A	C	C	C	C	C
Phenylhydrazine	C	C	B	B	A	D	D	D	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Phosphate Esters	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	-	C	C	C	A
Phosphoric Acid	D	D	A	A	A	D	D	C	A	A	A	D	B	D	A	A	A	A	C	C	C	C	A

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Pickling solution	D	D	B	B	A	D	D	C	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Picric Acid, Molten	D	D	B	B	A	C	B	B	A	B	A	D	B	C	A	A	A	A	-	B	B	-	A
Picric Acid, Water Soln.	D	D	B	A	A	C	B	B	A	A	A	D	B	C	A	A	A	A	-	B	B	-	A
Pine Oil	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	C	C	B	A
Pinene	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Piperidine	D	D	B	B	A	D	D	D	D	A	A	B	D	D	C	A	A	A	B	C	C	C	A
Polyethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bicarbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bisulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bisulfite	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D	C	C	C	C
Potassium Chromate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	B	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	B	A
Potassium Dichromate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	C	A
Potassium Hydroxide Water Solution	B	C	A	A	A	C	C	B	C	A	A	C	C	C	A	A	A	A	C	C	C	B	A
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	B	B	A
Potassium Permanganate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A	A
Potassium Silicate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Potassium Sulfide	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Potassium Sulfite	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	C	A
Propane Gas	D	D	D	D	D	A	B	B	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Propanediol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Propanol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Propyl Acetate	D	D	B	B	B	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Propyl Aldehyde	D	D	A	A	A	D	B	B	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Propyl Amine	D	D	B	B	B	D	D	C	C	A	A	D	D	D	C	A	C	A	B	C	C	C	A
Propyl Chloride	D	D	D	D	D	D	D	D	B	B	A	D	B	D	A	A	A	A	C	C	C	C	C
Propylene Diamine	D	D	B	B	B	D	B	B	D	A	A	B	D	D	C	A	C	A	B	C	C	C	A
Propylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Pyranol	D	D	D	D	D	A	C	B	A	A	A	D	B	A	A	A	A	A	A	A	A	A	A
Pyridine	D	D	C	C	B	D	D	D	D	A	A	D	D	D	C	A	A	A	B	B	B	B	B
Rhum	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Salicylic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	B	B	C	A
Salt Water (Sea Water)	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sewage	B	B	A	A	A	C	B	A	A	A	A	D	B	C	A	A	A	A	B	C	C	B	A
Silicone Oils	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Silicons Greases	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A	A
Silver Nitrate	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Soda Caustic 65°C (Sodium Hydroxide)	C	C	A	A	A	B	A	A	A	A	A	B	B	B	A	A	A	A	C	C	C	B	A
Sodium Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A
Sodium Aluminate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	A	A
Sodium Bicarbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	A
Sodium Bichromate	C	C	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Sodium Bisulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Sodium Bisulfite	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	C	A
Sodium Borate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C
Sodium Chromate	C	C	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	B	A	B	B	A
Sodium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	C	A	A
Sodium Fluoride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	C	A
Sodium Hypochlorite	D	D	B	B	B	D	C	B	A	A	A	B	B	B	A	A	A	A	C	C	C	C	C
Sodium Metaphosphate	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	C	C	C	C	A
Sodium Nitrate Water Solution	A	A	A	A	A	A	A	A	A	A	A	D	C	B	A	A	A	A	A	A	A	A	A
Sodium Nitrite Water Solution	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A
Sodium Perborate Water Solution	B	B	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	-	C	C	B	A
Sodium phosphate Water Solution	A	A	A	A	A	A	A	A	A	A	A	D	B	B	A	A	A	A	B	B	B	B	A
Sodium Silicate	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	-	C	C	A	A
Sodium Sulfate Water Solution	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Sodium Sulfide Water Solution	B	B	A	A	A	B	A	A	A	A	A	A	A	B	A	A	A	A	-	C	C	A	A
Sodium Sulfite Water Solution	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A
Sodium Thiosulfate Water Solution	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	C	A
Soybean Oil	D	D	D	D	D	A	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Stannic Chloride	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	C	C	C	C	C
Stannic Sulfide	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A	A
Stannous Chloride	A	A	A	A	A	A	A	A	A	A	A	B	B	A	A	A	A	A	C	C	C	C	C
Stannous Sulfide	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A	A
Steam Over 120°C	D	D	A	A	A	B	D	D	D	D	D	D	D	D	A	A	A	A	C	C	C	A	A
Steam Under 120°C	D	D	A	A	A	A	D	D	D	D	D	D	D	D	A	A	A	A	A	A	A	A	A
Stearic Acid	C	C	B	B	A	D	B	B	A	A	A	B	D	D	A	A	A	A	B	B	B	C	A
Stoddards Solvent	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Styrene	D	D	D	D	D	D	D	D	C	A	A	D	D	D	A	A	A	A	B	B	B	B	A
Sulfonic Acid	D	D	C	C	B	D	D	C	D	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfur Chloride	D	D	D	D	C	D	D	B	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C
Sulfur Dioxide	D	D	B	C	B	D	C	A	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Sulfur Trioxide	D	D	B	C	B	D	D	D	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric Acid 25%	C	D	A	A	A	D	B	A	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric Acid 25-50%	D	D	B	B	A	D	D	A	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric Acid 50-96%	D	D	D	D	C	D	D	C	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C

Chemical Products	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UPE	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	ALLUMINIO	BRONZO	OTTONE	ACC. AL C	AISI 316
Sulfuric Acid, Fuming	D	D	D	D	D	D	D	D	A	D	D	D	D	D	C	A	A	A	C	C	C	C	C
Sulfurous Acid 10-75%	D	D	A	A	A	D	D	A	A	A	A	D	D	D	A	A	A	A	B	C	C	C	A
Tannic Acid	B	B	A	A	A	B	B	A	A	A	A	B	D	B	A	A	A	A	C	A	A	C	A
Tartaric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	C	C	A
Terpinol	D	D	C	C	C	A	B	A	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Tertiary Butyl Alcohol	C	C	C	C	B	A	A	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A
Tetrachlorobenzene	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Tetrachloroethane	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	C
Tetrachloroethylene	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	B
Tetrachlorometane	D	D	D	D	D	D	D	D	B	B	A	D	C	D	A	A	A	A	C	C	C	C	B
Tetrachloronaphtalene	D	D	D	D	D	D	D	D	B	B	A	D	D	D	A	A	A	A	C	C	C	C	C
Tetraethylene Glicol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Tetrahydrofuran	D	D	D	D	C	D	D	D	D	A	A	D	D	D	B	A	A	A	B	A	A	B	A
Thionyl Chloride	D	D	D	D	D	D	D	D	B	D	D	D	D	D	A	A	A	A	C	C	C	C	C
Thiophene	D	D	D	D	C	D	D	D	A	A	A	D	D	D	B	A	A	A	B	A	A	B	A
Toluene	D	D	D	D	D	C	D	D	A	B	A	D	D	B	A	A	A	A	A	A	A	A	A
Transformer Oil (Petroleum Base)	D	D	D	D	D	A	C	B	A	A	A	D	D	A	A	A	A	A	A	A	A	A	A
Triacetin	C	C	A	A	A	D	C	B	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Tributyl Amine	D	D	A	A	A	D	D	C	C	A	A	D	D	D	C	A	C	A	B	C	C	C	A
Tributyl Phosphate	D	D	C	C	B	B	D	D	D	A	A	D	D	D	B	A	A	A	-	B	B	A	A
Trichloro Propane	D	D	D	D	D	D	D	D	B	B	A	D	D	D	A	A	A	A	C	C	C	C	C
Trichlorobenzene	D	D	D	D	D	D	D	D	B	B	A	D	D	D	A	A	A	A	C	C	C	C	C
Trichloroethane	D	D	D	D	D	D	D	D	B	B	A	D	D	D	A	A	A	A	C	C	C	C	C
Trichloroethylene	D	D	D	D	D	D	D	D	B	B	A	D	D	D	A	A	A	A	C	C	C	C	C
Tricresyl Phosphate TCP	D	D	B	B	A	D	D	D	D	A	A	D	D	D	B	A	A	A	-	B	B	A	A
Triethanolamine (TEA)	D	D	A	A	A	B	D	C	C	A	A	D	D	D	C	A	C	A	B	C	C	C	A
Triethylamine	D	D	A	A	A	D	D	C	C	A	A	D	D	D	C	A	C	A	B	C	C	C	A
Triethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Trinitrotoluene (TNT)	D	D	D	D	D	D	D	B	A	D	D	D	D	D	A	A	A	A	B	B	B	B	A
Triphenyl Phosphate	D	D	B	B	B	D	D	D	D	A	A	D	D	D	B	A	A	A	-	B	B	A	A
Turbine Oil	D	D	D	D	D	A	C	C	A	A	A	D	D	A	A	A	A	A	A	A	A	A	A
Undecanol	D	D	C	D	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Urea	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	C	A
Varnish	D	D	D	D	D	A	C	C	A	A	A	D	D	A	A	A	A	A	A	A	A	C	A
Vaseline	D	D	C	C	C	A	B	B	A	A	A	D	D	A	A	A	A	A	A	A	A	A	A
Vegetable Oils	D	D	B	B	B	A	B	B	A	A	A	D	D	A	A	A	A	A	A	A	A	A	A
Vinegar	B	C	A	A	A	C	C	C	D	A	A	A	D	C	A	A	A	A	C	C	C	C	A
Vinyl Acetate	D	D	A	A	A	D	C	C	D	A	A	D	D	D	C	A	A	A	A	A	A	A	A
Vinyl Benzene	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	A	B	B	A	A
Vinyl Chloride (Monomer)	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C
Vinyl Ether	D	D	D	D	D	D	D	D	D	A	A	D	C	D	B	A	A	A	A	B	A	A	A
Vinyl Toluene	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	A	B	B	A	A
Vinyl Trichloride	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C
Water, Fresh 82°C	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A
Water, Salt 82°C	B	A	A	A	A	C	A	A	A	B	A	A	A	A	A	A	A	A	C	B	C	C	A
Whiskey, Wines	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A
Xylene	D	D	D	D	D	D	D	D	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Zeolites	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Zinc Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A
Zinc Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Zinc Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C
Zinc Chromate	B	B	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	B	A	A	B	A
Zinc Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A

RATING	LEGEND OF MATERIALS												
A: Excellent service (continuos usage)		NR	NATURAL RUBBER			CSM	HYPALON		PVDF	polyvinylidenefluoride			
B: Good service (intermittent usage)		SBR	SBR			FPM	VITON		PTFE	tetrafluoroethylene			
C: Limited Service (depending on use conditions)		IIR	BUTYL RUBBER			PE-X	POLYETHYLENE CROSS-LINKED		FEP	Perfluorethylenepropylene			
D: Not suitable		EPDM	EPDM			UPE	ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE		PFA	Perfluoroalkoxy			
-: Not Tested		EPM	COPOLYMER			VMQ			MFA	Perfluormethylether			
		NBR	NITRILE RUBBER			FMQ	fluorosilicone						
		CR	NEOPRENE			AU	polyurethane						